



## News Release

**FOR IMMEDIATE RELEASE**

### **Trane Heat Recovery Compact Unit Helps UK Schools Reach Higher Standards**

*-- New Air Handling Unit to Deliver Comfort And Energy Savings --*

**Basingstoke, UK, 5 October, 2010** – To help United Kingdom schools achieve their educational and environmental goals, Ingersoll Rand's Trane business is introducing the Heat Recovery Compact Unit (HRCU). The double-deck air handling unit (AHU) with factory-mounted controls and heat recovery device is designed for the modern school, offering improved classroom comfort and reduced energy consumption.

Trane, a leading global provider of indoor comfort systems and solutions, offers the HRCU as a packaged extract and supply AHU in eight sizes, with an air flow ranging from 0.5 to 9.5 m<sup>3</sup>/s (1,800 to 34,200 m<sup>3</sup>/h). The Eurovent-certified unit brings fresh air into a school building at a low life cycle cost, powered by high efficiency direct-driven plug fans, EFF 1 motors and variable frequency drives.

Advanced controls are factory-installed on the HRCU as standard. Power wiring, sensors and actuators are fully integrated, reducing the unit's carbon footprint and allowing for easy and fast installation.

"The HRCU creates a comfortable learning environment while delivering energy savings, low lifetime costs and optimal reliability," said Didier Audinot, air handling units product manager for Trane Europe, Middle East, India and Africa. "With the HRCU, schools get a maximum return on their building investment."

The HRCU offers significant flexibility as a part of a heating, ventilating and air conditioning (HVAC) system. Indoor and outdoor versions are available with either thermal wheel or plate heat exchanger. Furthermore, the HRCU can work as stand-alone unit or as part of a Building Management System (BMS).

Features such as frost coils, heating and cooling coils, electric heaters, frost frames, sound attenuation and electronically commutated motors are available as standard options. In addition, the HRCU can be provided with a DX cooling module including evaporator, compressors and condenser to cover a 10 to 195 KW cooling capacity.

The casing of the HRCU was specifically designed to optimise footprint and to lower sound levels. The AHU meets the highest Eurovent classes for filter bypass leakage (F9), casing air leakage (L1) and casing strength (D1) according to EN 1886. It features painted aluminium framework, 50 mm panels with glass fibre panel insulation. The casing, installed on a standard 80 mm base frame, comes in one, two or three pieces for easy installation.

With its robust and reliable design, the HRCU also meets the comfort demands of stores, fitness centres, office buildings, hotels, airports, commercial centres and cinemas.

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#### **About Trane**

Trane, a business of Ingersoll Rand - the world leader in creating and sustaining safe, comfortable and energy efficient environments, improves the performance of homes and buildings around the world. Trane solutions optimize indoor environments with a broad portfolio of energy efficient heating, ventilating and air conditioning systems, building and contracting services, parts support and advanced control. For more information, visit [www.trane.com](http://www.trane.com).

#### **About Ingersoll Rand**

Ingersoll Rand (NYSE:IR) is a world leader in creating and sustaining safe, comfortable and efficient environments in commercial, residential and industrial markets. Our people and our family of brands—including Club Car®, Hussmann®, Ingersoll Rand®, Schlage®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings, transport and protect food and perishables, secure homes and commercial properties, and increase industrial productivity and efficiency. We are a \$13 billion global business committed to sustainable business practices within our company and for our customers. For more information, visit [www.ingersollrand.com](http://www.ingersollrand.com).

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